

SMCHERBAKOV, B.V.

Rail welding by division personnel. Put' i put khoz.5
no.2:13 F '61. (MIFA 14:3)

1. Nachal'nik tekhnicheskoy stantsii po svarke rel'sov,
g. Kuybyshev.
(Railroads--Rails--Welding)

SHCHERBAKOV, D. I.

deposits in Southern Karelia Moskva, 1921. 25 p. (Nauchno-tekhnicheskii
otdel V.S.N.Kh. no. 58. Trudy Severnoi nauchno-promslovoi ekspeditsii. vyp. 24.)

1. Mines and mineral resources - Russia.

COMMON ELEMENTS																										COMMON RARE-EARTH ELEMENTS																																																																													
1ST AND 2ND GROUPS													3RD AND 4TH GROUPS													5TH AND 6TH GROUPS													7TH AND 8TH GROUPS																																																																
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<p>Beryllium deposits in U. S. S. R. D. Sherbakov. <i>Rudkie Met.</i> 1936, No. 1, 35-42; <i>Neues Jahrb. Mineral. Geol.</i>, Ref. II, 1937, 687-9. - Beryl has been found in pegmatite veins in Zungaria, assocd. with Mo or Bi; Turkestan connected with a mass of adamellite, assocd. mainly with tourmaline; N. W. of Altai; and on a tributary of the Angara River assocd. with Rh- and Li-salts.</p> <p>muscovite; also in veins contg. (in order of crystal growth) quartz and ferberite; beryl, basic carbonate of Bi and arsenopyrite; and topaz. The most important deposit, which also yields emeralds, is some 70 km. from Sverdlovsk in the Urals, assocd. with talc, mica, chlorite and actinolite schists. C. A. Silberrad.</p>																																																																																																							
<p>ASH S. L. A. METALLURGICAL LITERATURE CLASSIFICATION</p>																																																																																																							

Deposits of raw materials of the rare metals in U. S.
S. R. D. I. Shcherbakov. *Rodkie Metali*, 1938, No. 1,
14-24; *Khim. Referat. Zhur.* 1, No. 11-12, 66(1938).
Characteristics of the deposits of industrial importance of
W, Mo, Nb, Ta, Bi, Ra, U, V, Co, Sh and Hg as well
as the rare earth metals are given. Out of these in the
Ural mountains are found important deposits of W,
Be, V, Nb, Rb and Cs, in the Kazakhstan region of W,
and Mo, and in the Donetskil region of Hg and Sh.
W. R. Henn

ASB 35A METALLURGICAL LITERATURE CLASSIFICATION

SHCHERBAKOV, D. I.

Dashkesan as a Raw Material Base for Cobalt," Tsvet. Metal., 14, No. 2, 1939

PROCESSES AND PROPERTIES INDEX																									
1ST AND 2ND ORDERS													3RD AND 4TH ORDERS												
218																									
V POISKAX RADIYA (IN SEARCH OF RADIUM). D. I. Sheherbakov. Moscow, Gosgeolizdat, 1941. 132p. (In Russian)																									
During 1925 the author led a party prospecting for radioactive ores and mineral deposits in the valley of Fergana and the surrounding mountainous area bordering on China and Afghanistan. He recounts their adventures in a non-technical fashion. The author states that this area was the only major source of radioactive ore within the Soviet Union. The numerous photographs give an excellent picture of the barren, rugged terrain, which greatly resembles the American West. Use of a Schmidt-type α electroscope in the field, distribution of radioactivity in a sample of tyuyamunite ore, and several representative ore locations are included in the illustrations.																									
ASH-11A METALLURGICAL LITERATURE CLASSIFICATION																									
1ST AND 2ND ORDERS																									
3RD AND 4TH ORDERS																									

GRIGOR'YEV, I.F., redaktor; SHCHERBAKOV, D.I., redaktor; KRASNOVSKAYA, A.I.,
tekhnicheskii redaktor

[Carnotite deposits in the western United States; collection of translated
articles.] Karnotitovye mestorozhdeniia zapadnykh Shtatov SShA; sbornik
porevodnykh statei. Pod red. I.F. Grigor'eva i D.I. Shcherbakova. Moskva,
Gos. izd-vo geologicheskoi lit-ry Ministerstva geologii SSSR, 1946. 169 p.
(MLRA 8:10)

1. Russia (1923- U.S.S.R.) Minsiterstvo geologii.
(United States--Carnotite)

V. I. Vernadskii and radiogeology. D. I. Shcherbakov.
Mém. soc. russe minéral. [2] 75, No. 1, 37-42(1948).
Biographical.

M. H.

SHCHERBAKOV, D. I.

Our country's treasure of minerals; a verbatim report of a public lecture
Moskva pravda 1948. 31 p. (49-3381)

TN85.S5

1. Mines and mineral resources - Russia.

SHCHERBAKOV, DMITRIY IVANOVICH.

A. Ye. Kersman i Yego Puteshestviya. (A. E. Ferman and
His Travels) Moskva Geografiz, 1950 197 P.

So: 242N/5
621.12
.35

SHCHERBAKOV, Dmitriy Ivanovich; BUBLEYNIKOV, F.D.

[The earth's crust and geological processes; manual for teachers in secondary schools] Zemnaia kora i geologicheskie protsessy. Posobie dlia uchiteley sredney shkoly. Moskva, Gos. ucheb.-pedagog. izd-vo 1951. (MIRA 8:2)

(Geophysics)

SHOBERNAKOV, D.

Na transe velikogo kanala. [The Main Turkmen Canal]. (Banka i zhizn, 1951,
no. 1, p. 7-9).

DIC: Qh.N43

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

1. SHCHERB'KOV, D.I.
2. USSR (600)
4. Geography & Geology
7. Through the Crimea, Caucasus, and Central Asia. Moskva, Geografiz, 1952

9. Monthly List of Russian Accession, Library of Congress, February, 1953. Unclassified.

1. D.I. Shcherbakov, D.I.
2. D.I. Shcherbakov
4. Geology
7. Review of the book "The earth's crust and geological processes" by D.I. Shcherbakov and F.D. Dubleynikov, Obruchev, V.A., Izv. AN SSSR. Ser. geol. no. 6, 1952.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

Geology

In the world of underground riches. Nauka i zhizn' 19 no. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

1. SHCHERBAKOV, D. I.
2. USSR (600)
4. Russia - Industries
7. Face of the country is changing. Nauka i zhizn' 19 no. 11, 1952
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

U. S. Copyright Office, Washington, D. C. 20540. U. S. Pat. & Tm. Off. Reg. No. 50, 123, 456. U. S. Pat. & Tm. Off. Reg. No. 50, 123, 456.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001548820013-9"

SHONFRANOV, I. I.

Geological Time

Range of geological time.
Priroda 41, No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

SHCHERBAKOV, . . I.

Physical Geography O Araks Valley

To the shores of the Araks River.

Priroda 41, No. 8, 1952.

Historical geographical description of important features of Armenia: Caucasus, Tbilisi, Yerevan, Arмян Mountains, Ararat, Dzhul'f, Arzna (health resort), Lake Sevan, etc. Emphasizes in text and photographs the mountainous nature of Armenia. Mentions that important factories lie in the outskirts of Yerevan, which belies the predominant agricultural picture afforded by a train trip, such as the author is describing. One of a series of regular descriptions of a part of the USSR.

259T25

9. Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

SHCHERBAKOV, D.I., professor, chlen korrespondent.

[The origin of ores] Kak obrazuiutsia rudy. Moskva, Izd-vo "Znanie," 1953.
47 p. (MLRA 6:8)

1. Akademiya nauk SSSR.

(Ores)

SHCHERBAKOV, Dimitriy Ivanovich

SHCHERBAKOV, Dimitriy Ivanovich; VORONTSOVA, A.N., redaktor; RIVINA, I.N.,
redaktor.

[A.E. Fersman and his travels] A.E. Fersman i ego puteshestviia. Izd.2.,
ispr. i dop. Moskva, Gos. izd-vo geogr. lit-ry, 1953. 239 p. (MLRA 7:7)
(Fersman, Aleksandr Evgen'evich, 1883-1945)

1. SHCHERBAKOV, D. I.
2. USSR (600)
4. Mineralogy
7. The status and some problems of Soviet mineralogy. Izv. AN SSSR, Ser. geol. No. 2, 1953.

Mentions prominent Soviet scientists and their contributions to the subject of field of mineralogy. Suggest (1) closed study of the characteristics and composition of minerals in dependence upon their fine structure and phys-chem and geological conditions of formation, and (2) a close study of the processes of formation, stages of separation, and laws governing the joint location of minerals in deposits, with consideration for the geographical medium.

251T41

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

AFANAS'YEV, G.D.; BELIKOV, B.P.; VOROB'YEVA, O.A.; ZALESSKIY, B.V.; LAPIN, V.V.;
PETROV, V.P.; TSVETKOV, A.I.; SHCHERBAKOV, D.I.

Dmitrii Stepanovich Beliankin [obituary]. Izv.AN SSSR. Ser.geol. no.4:5-12
Jl-Ag '53. (MLA 6:8)
(Beliankin, Dmitrii Stepanovich, 1876-1953)

SHCHERBAKOV, D.I., akademik; AFANAS'YEV, G.D.

For further advances in Soviet geology and geography. Izv. AN SSSR. Ser.
geol. no.6:3-13 N-D '53. (MLBA 7:1)

1. Chlen-korrespondent Akademii nauk SSSR.
(Geology, Economic)

SHCHERBAKOV, D.I., chlen-korrespondent; OBRUCHEV, Vladimir Afanas'yevich.

Vladimir Afanas'evich Obruchev. Nauka i zhizn' 20 no.10:39-40 0 '53.

(MLRA 6:10)

1. Akademiya nauk SSSR (for Shcherbakov).

(Obruchev, Vladimir Afanas'evich, 1863-)

1. А. С. ПИЛЕНКО, А. С. ПИЛЕНКО

2. СССР (000)

4. Александр Дмитриевич Пилеников

7. Useful book in geology ("The earth's crust and geological processes.
reviewed by Acad. V. A. Gbruchev). Priroda #2 no. 1. 1955.

9. Monthly List of Russian Accessions. Library of Congress, April 1953, Uncl.

1. E. V. Kuznetsov, D. L.
2. USSR (600)
4. Pamirs - Glaciers
7. The highest summits and glaciation of the northwest Pamirs. Priroda 42, No. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

SHCHERBAKOV, Dmitriy Ivanovich; VORONTSOVA, A.N., redaktor; MAL'CHEVSKIY, G.N., redaktor kart.

[In the mountains of the Crimea, the Caucasus and Central Asia; travel notes] Po goram Kryma, Kavkaza i Srednei Azii; putevye ocherki. Izd. 2-s, dop. i perer. Moskva, Gos. izd-vo geog. lit-ry, 1954.200 p.

(MLRA 8:2)

(Crimea--Description and travel) (Caucasus--Description and travel) (Asia, Central--Description and travel)

STARIK, I.Ye., otvetstvennyy redaktor; ~~SHCHERBAKOV~~, D.I., akademik, redaktor; VINOGRADOV, A.P., akademik, redaktor; ~~BARANOV~~, B.I., professor, redaktor; GERLING, E.K., professor, redaktor; LEVIN, B.Yu., kandidat fiziko-matematicheskikh nauk, redaktor; KRYLOV, A.Ya., redaktor; ~~PEKARSKAYA~~, T.B., kandidat geologo-mineralogicheskikh nauk; MYASNIKOV, I.A., redaktor; ~~POLYAKOVA~~, T.V., tekhnicheskiiy redaktor.

[Transactions of the first session of the Commission on Determining the Absolute Age of Geologic Formations] Trudy pervoi sessii komissii po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii; 12-15 apreliia 1952 g. Moskva, Izd-vo Akademii nauk SSSR, 1954. 231 p. (MLA 8:1)

1. Chlen-korrespondent Akademii nauk SSSR (for Starik). 2. Akademiya nauk SSSR. Otdeleniye geologo-geograficheskikh nauk.
(Earth--Age)

AMPERE, Andre Marie, 1775-1836; DORFMAN, Ya.G., professor redaktor; ZAYCHIK, N.K., redaktor; PETROVSKIY, I.G., akademik, redaktor; ANDREYEV, N.N., akademik, redaktor; BYKOV, K.M., akademik, redaktor; KAZANSKIY, B.A., akademik, redaktor; OPARIN, A.I., akademik, redaktor; SEMIDT, O.Yu., akademik, redaktor; SHCHERBAKOV, D.I., akademik, redaktor; YUDIN, P.F., akademik, redaktor; KOSHTOYANTS, Kh.S., redaktor; MAKSIMOV, A.A., redaktor; SAMARIN, A.M., redaktor; LEBEDEV, D.M., doktor geograficheskikh nauk, redaktor; FIGUROVSKIY, N.A., doktor khimicheskikh nauk, redaktor; KUZNETSOV, I.V., kandidat filosofskikh nauk, redaktor; OZNOBISHIN, D.V., kandidat istoricheskikh nauk, redaktor; SMIRNOVA, A.V., tekhnicheskii redaktor

[Electrodynamics] *Elektrodinamika. Redaktsiia, stat'i i primechania* I.A.G.Dorfmana. [Leningrad] Izd-vo Akademii nauk SSSR, 1954. 492 p.
(MLRA 7:10)

1. Chlen-korrespondent AN SSSR (for Koshtoyants, Maksimov, Samarin)
(Electrodynamics)

Summary

1. The following information was obtained from a review of the records of the Central Intelligence Agency, Department of Defense, and the Department of State, regarding the activities of the [redacted] in the [redacted] area. The information was obtained from the [redacted] and the [redacted] and is being provided to you for your information. The information is being provided to you for your information and is not to be used for any other purpose. The information is being provided to you for your information and is not to be used for any other purpose. The information is being provided to you for your information and is not to be used for any other purpose.

SHCHERBAKOV, D.I.

USSR/ Meteorology - Arctic expeditions

Card 1/1 ; Pub. 124 - 2/24

Authors ; Shcherbakov, D. I., Academician

Title ; First results of the 1954 high-latitude arctic expedition

Periodical ; Vest. AN SSSR 9, 10-16, Sep 1954

Abstract ; The first results of the scientific (meteorological and geographical) high-latitude arctic expedition of 1954 are described. The purpose of this expedition was to establish permanent observation stations on drifting ice and to carry out research of the unknown regions of the Central Arctic and Arctic Sea.

Institution : ...

Submitted : ...

Translation Dis-1098, 24 Jan 55

SHCHEREA KOV, D. I.

"In the Heart of the Arctic," Priroda, No 11, pp 73-84, 1954

Translation D 198082, 19-4-55

NOVICHKOV, D. I.

USSR/ Geography - Arctic exploration

Card 1/1 : Pub. 77 - 12/21

Authors : Shcherbakov, D. I., Academician

Title : In the heart of the Arctics

Periodical : Nauka i zhizn' 21/9, 30-32, Sep 1954

Abstract : An account is given of two former arctic expeditions and of the establishing, in 1954, of two stations for arctic exploration. The last is claimed to be the most extensive of all. One of the stations was located at 86° north latitude and 175° 25' west longitude. Studies were made of the drift of the ice, weather, physical features of the earth's crust, animal life and a vast array of other features of the region of interest to various sciences. Illustrations.

Institution :

Submitted :

SHCHERBAKOV, D.I., akademik.

First results of the high latitude arctic expedition of 1954.
Vest. AN SSSR 24 no.9:10-16 S '54. (MLRA 7:9)
(Arctic regions)

SHCHERBAKOV, D.I.

Academician V.A.Obruchev, the oldest traveler and outstanding Soviet
scientist. Vop.geog. no.35:13-22 '54. (MLA 7:12)

(Obruchev, Vladimir Afanas'evich, 1863-)

USSR/Geology - Mineral resources

Card 1/1 : Pub. 86 - 3/46

Authors : Shcherbakov, D. I., academician

Title : Study of the earth's crust in Soviet Ukraine

Periodical : Priroda, 43/9, 24-33, Sep 1954

Abstract : A description is given of the composition of the earth's crust in the various parts of the Ukraine. The geological processes involved in their formation are explained. An account is given of the research work done by Russian and Ukrainian scientists, particularly, with reference to the location of mineral wealth. Illustrations; map.

Institution :

Submitted :

USSR/Geography--Arctic explorations

Card 1/1 Pub. 86--9/33

Authors : Shcherbakov, D. I., Academician

Title : In the center of the Arctic region

Periodical : Priroda 43/11, 73--84, Nov 1954

Abstract : The utility of finding a shorter route from the western to the eastern part of the Soviet Union is cited as an important reason for exploring the ocean to the north of the Asiatic continent. An account is given of a flight, made by the author, to islands in that region and the description deals mostly with observations made of the land and ice formations, animal life, weather conditions and personal incidents. One USSR reference (1954). Illustrations; map.

Institution :

Submitted :

SHCHERBAKOV, Dmitrii Ivanovich, akademik; KOSYGIN, Yu. A., redaktor;
~~USPENSKAYA, N.V.~~, redaktor; ISLENT'YEVA, P.G., tekhnicheskii re-
daktor

[New problems of Soviet geology] Novye problemy sovetskoi geolo-
gii. Moskva, Izd-vo "Znanie," 1955. 31 p. (Vsesoiuznoe obshchestvo
po rasprostraneniui politicheskikh i nauchnykh znani, Ser.3,no.11).
(Geology) (MLRA 8:7)

H
STARIK. I.Ye., redaktor; SHCHERBAKOV, D.I., akademik, redaktor; VINOGRADOV, A.P., akademik, redaktor; POLKANOV, A.A., akademik, redaktor; SHATSKIY, N.S., akademik, redaktor; BARANOV, V.I., professor, redaktor; PEKARSKAYA, T.B., kandidat geologo-mineralogicheskikh nauk, redaktor; CHERDYNTSEV, V.V., redaktor; POLYAKOVA, T.V., tekhnicheskii redaktor.

[Transactions of the third session of the Committee for Determining the Absolute Age of Geological Formations, March 25-27, 1954] Trudy tret'ei sessii, 25-27 marta 1954. g. Moskva, 1955. 260 p. [Microfilm] (MLRA 9:1)

1. Akademiya nauk SSSR. Komissiya po opredelniya absolyutnogo vozrasta geologicheskikh formatsii. 2. Chlen-korrespondent AN SSSR (for Starik). (Geological time)

SHCHERBAKOV, D.I., akademik, redaktor; AFANAS'YEV, G.D., redaktor;
VLASOV, K.A., redaktor; PEYVE, A.V., redaktor; PUSTOVALOV, L.V.,
redaktor; YABLOKOV, V.S., redaktor; MOSOV, G.I., redaktor.

[Conference on sedimentary rocks] Soveshchanie po osadochnym
porodam. Moskva, Izd-vo Akademii nauk SSSR. No.2 [Proceedings]
Doklady. 1955. 262 p. [Microfilm] (MLRA 8:7)

1. Chlen-korrespondent AN SSSR (for Afanas'yev). 2. Akademiya
nauk SSSR. Otdeleniye geologo-geograficheskikh nauk.
(Rocks, Sedimentary)(Bibliography - Rocks, Sedimentary)

SHERBAKOV, D.I., akademik, redaktor; DROZDOV, M.D., redaktor; SHMANENKOV, I.V., redaktor; POGREBITSKIY, Ye.O., professor; GOLUBYATNIKOV, V.D. professor, VARFOLOMEYEV, P.N.,; VUL'F, T.Ye.,; TYZHNOV, A.V., redaktor; SERGEYEVA, N.A., redaktor; KATS, M.Ye., tekhnicheskii redaktor.

[Mineral resources in the national economy; an album] Poleznye isko-
paemye v narodnom khoziaistve; al'bom. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po geol. i okhrane neдр. No.1 [Energy-producing raw
materials ----- Explanatory text] Energeticheskoe syr'e 1955.
12 plates ---- Poyasnitel'nyi tekst. Sost. P.N.Varfolomeev i T.E.
Vul'f. Konsul'tanty Ye.O.Pogrebitskii i V.D.Golubiatnikov. 29 p.
(Fuel) (MLRA 8:11)

MARKOVNIKOV, V.V.; PLATE, A.F., doktor khimicheskikh nauk, redaktor;
BYKOV, G.V., kandidat khimicheskikh nauk, redaktor; PETROVSKIY,
I.B., akademik, redaktor; BYKOV, K.M., akademik, redaktor; KAZAN-
SKIY, B.A., akademik, redaktor; SHMIDT, O.Yu., akademik, redaktor;
ANDREYEV, N.N., akademik, redaktor; ~~SHCHERBAKOV~~, D.I., akademik,
redaktor; YUDIN, P.F., akademik, redaktor; ~~DELONE~~, B.N., redaktor
KOSHTOYANTS, Kh. S., redaktor; SAMARIN, A.M., redaktor, ~~LEBEDEV~~,
D.M., professor, redaktor; FIGUROVSKIY, N.A., professor, redaktor;
KUZNETSOV, I.V., kandidat filologicheskikh nauk, redaktor; ~~STERLI-~~
GOV, O.D., redaktor; ZEMLYAKOVA, T.A., tekhnicheskiiy redaktor

[Selected works] Izbrannye trudy. Redaktsiya, stat'i i primechania
A.F. Plate i G.V. Bykova, Moskva, Izd-vo Akademii nauk SSSR 1955.
(MLRA 8:10)
926 p.

1. Chlen-korrespondent AN SSSR (for Delone, Koshtoyants, Samarin)
(Chemistry) (Markovnikov, Vladimir Vasil'evich 1837-1904)

RAUSH, V.

"My travels." D.I. Shcherbakov. Reviewed by V. Raush. Geog. v
shkole 18 no. 2:75 Mr-Apr '55. (MIRA 8:7)
(Shcherbakov, Dmitrii Ivanovich) (Geography--Juvenile
literature)

SHCHERRAKOV, D.I., akademik.

Some problems of geology. Nauka i zhizn' 22 no.1:14-16 Ja'55.
(Geology) (MLBA 8:2)

SHCHERBAKOV, D.I. akademik

Soviet mineralogy in the service of the national economy.

Priroda 44 no.5:27-36 My '55. (MLRA 8:7)

(Mineralogy) (Fersman, Aleksandr Evgen'evich, 1883-1945)

SHCHERBAKOV, D.I.

In memory of A.E.Fersman on the occasion of the 10th anniversary
of his death. Zap.Vses.min.ob-va 84 no.3:261-262 '55.
(MIRA 8:11)

(Fersman, Aleksandr Evgen'evich, 1883-1945)

SHCHERBAKOV, Dmitriy Ivanovich, akademik; USPENSKAYA, N.V., redaktor;
ISLINT'YANVA, P.G., tekhnicheskiiy redaktor

[Present-day Antarctic and problems in its study] Sovremennaya
antarktika i zadachi ee izucheniia. Moskva, Izd-vo "Znanie,"
1956. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh znanii. Ser. 3, no. 6) (MIRA 9:3)
(Antarctic regions)

SHCHERBAKOV, Dmitriy Ivanovich, akademik; SHEVELEVA, A., redaktor;
LIL'YE, A., tekhnicheskii redaktor

[Why scientist are exploring the Antarctic] Dlia chego uchenye
issleduiut antarktiku. [Moskva] Moskovskii rabochii, 1956. 55 p.
(Antarctic regions) (MLRA 9:11)

TSVETKOV, Aleksey Ivanovich; VAL'YASHIKHINA, Yelizaveta Pavlovna;
SHCHERBAKOV, D.I., akademik, redaktor; LAPIN, V.V., redaktor;
KUN, N.R., redaktor; PAVLOVSKIY, A.A., tekhnicheskiy redaktor.

[Materials on the thermal investigation of minerals] Materialy po
termicheskomu issledovaniyu mineralov. No.3: Sliudy. Moskva, Izd-vo
Akademii nauk SSSR, 1956. 107 p. (Akademiia nauk SSSR. Insitut geologii
rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii, Trudy,
no. 4) (MIRA 9:10)

(Mica)

(Thermal analysis)

SHCHERBAKOV, Dmitriy Ivanovich; DZHALALBEKOVA, L.A., otvetstvennyy redaktor;
KORENYUK, Z.P., tekhnicheskiiy redaktor

[By plane over the Arctic] Na samolete po Arktike. Leningrad, Gos.
izd-vo detskoi lit-ry Ministerstva prosveshcheniia RSFSR, 1956.
144 p. (MLRA 9:11)

(Arctic regions)

AMIRKHANOV, Kh.I.,; BRANDT, S.B., red.; SHCHERBAKOV, D.I., akad.; KLEYZMER,
I.A., tekhn. red.

[Determination of the absolute age of rocks on the basis of
radioactive transformation of potassium ^{40}K into argon ^{40}Ar .] Opredelenie
absoliutnogo vozrasta gornyykh porod po radioaktivnomu prevrashcheniu
kaliya ^{40}K v argon ^{40}Ar . Makhachkala, Akad. nauk SSSR, Dagestanskiy
filial, 1956. 149 p. (MIRA 11:11)

(Radioargon dating)

SHCHERBAKOV (D)

BARDIN, I.P., akademik, glavnyy red.; KORT, V.G.; prof., otvetstvennyy red. vypuska; AFANAS'YEV, A.A., red.; BAKAYEV, V.G., red.; BURKHANOV, V.F., red.; ZOLOTUKHIN, A.A., red.; SOMOV, M.M., red.; FROLOV, V.V., red.; SHCHERBAKOV, D.I., akademik, red.; MIRONENKO, Z.I., red.; BRAYNINA, M.I., tekhn.red.

[Hydrological, hydrochemical, geological, and biological studies on the diesel-electric research ship "Ob", 1955-1956] Gidrolologicheskie, gidrokhimicheskie, geologicheskie i biologicheskie issledovaniia; dizel'-elektrokhod "Ob", 1955-1956 gg. (MIRA 12:2)

1. Akademiya nauk SSSR.
 2. Zamestitel' nachal'nika Kompleksnoy antarkticheskoy ekspeditsii Akademii nauk SSSR; nachal'nik 1-go reysa morskoy chasti kompleksnoy antarkticheskoy ekspeditsii Akademii nauk SSSR (for Kort).
 3. Nachal'nik Gidrograficheskogo upravleniya Glavsevmorputi Ministerstva morskogo flota SSSR (for Afanas'yev).
 4. Ministr Morskogo flota SSSR (for Bakayev).
 5. Zamestitel' nachal'nika Gidrograficheskogo upravleniya Glavsevmorputi Ministerstva morskogo flota SSSR (for Burkhanov).
 6. Nachal'nik Glavnogo upravleniya Gidrometeorologicheskoy sluzhby SSSR (for Zolotukhin).
 7. Nachal'nik Kompleksnoy antarkticheskoy ekspeditsii Akademii nauk SSSR (for Somov).
 8. Direktor Arkticheskogo nauchno-issledovatel'nogo instituta Gidrograficheskogo upravleniya Glavsevmorputi (for Frolov).
- (Antarctic regions)

DOLGOPOLOV, N.N.; SECHERBAKOV, D.I., akademik, otvetstvennyy redaktor;
BELOV, N.V., akademik, redaktor; VOROB'YEV, O.A., redaktor; CHUKHROV,
F.V., redaktor; KUN, N.P., redaktor izdatel'stva; ASTAF'YEVA, G.A.,
tekhnicheskii redaktor

[Problems in geochemistry and mineralogy] Voprosy geokhimii i
mineralogii. Moskva, 1956. 174 p. (MLRA 9:7)

1. Chlen-korrespondent AN SSSR (for Chukhrov). 2. Akademiya nauk
SSSR. Otdeleniye geologo-geograficheskikh nauk.
(Geochemistry) (Mineralogy)

KHVAT. Lev Borisovich; SHCHERBAKOV, D.I., akademik, redaktor; KUMKES, S.N.,
redaktor; NOGINA, N.I., tekhnicheskii redaktor

[Mysterious continent] Zagadochnyi materik. Moskva, Gos. izd-vo
geogr. lit-ry, 1956. 287 p. (MLRA 10:1)
(Antarctic regions)

GILBERT, William; DOVATUR A.I. [translator]; KALASHNIKOV, A.G., redaktor; PETROV-SKIY, I.G., akademik, redaktor; BYKOV, K.M., akademik, redaktor; KAZAN-SKIY, B.A., akademik, redaktor; SHMIDT, O.Yu., akademik, redaktor; AN-DREYEV, N.N., akademik, redaktor; SHCHERBAKOV, D.I., akademik, redaktor; YUDIN, P.F., akademik, redaktor; DELONE, B.N., redaktor; KOSHTOYANTS, Kh.S., redaktor; SAMARIN, A.M., redaktor; LEBEDEV, D.M., professor, redaktor; FIGUROVSKIY, N.A., professor, redaktor; KUZNETSOV, I.V., kandidat filosofskikh nauk, redaktor; PETROVA, G.M., redaktor; AUZAN, N.P., tekhnicheskii redaktor.

[The magnet, magnetic bodies, and the great magnet the earth; a new physiology, demonstrated by many arguments and experiments. Translated from the Latin by A.I. Dovatur] O magnite, magnitnykh telakh i o bol'shom magnite-zemle; novaia fiziologiya, dokazannaya mnozhestvom argumentov i opytov. Perevod s latinskogo A.I. Dovatura. Red., stat'ia i kommentarii A.G. Kalashnikova. Moskva, Izd-vo Akademii nauk SSSR, 1956. 411 p. (MLRA 9:6)

1. Chlen-korrespondent AN SSSR (for Delone, Koshtoyants, Samarin).
(Magnetism)

SHCHERBAKOV, D.I., akademik.

Treasures of a great area. IUn.tekh.no.1:10-14 S '56. (MIRA 10:3)

(Siberia--Economic conditions)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
p 3 (USSR) 15-57-4-4048

AUTHOR: Shcherbakov, D. I.

TITLE: V. I. Vernadskiy and Soviet Mineralogy (V. I. Vernadskiy
i sovetskaya mineralogiya)

PERIODICAL: Vopr. istorii yestestvzn. i tekhniki, 1956, Nr 2,
pp 138-145

ABSTRACT:

Vladimir Ivanovich Vernadskiy did much for the study of the radioactive rocks, minerals and soils of Russia, and for the study of radioactivity and isotopes in general. The works of V. I. Vernadskiy brought much new information into our knowledge of the aluminosilicates and the phenomena of paragenesis and isomorphism; they helped transform mineralogy from a descriptive to a genetic science, based on the chemistry of the earth's crust; they have furthered the development of such new sciences as geochemistry and biogeochemistry. V. I. Vernadskiy is the author of "Opyt opisatel'noy

Card 1/2

SHCHERBAKOV, D.I., akademik.

Siberia, the wonderful land. Iun.nat.no.9:20 D '56. (MLRA 10:2)
(Siberia--Economic geography)

SHCHERBAKOV, D.I., akademik; SHATSKIY, N.S., akademik; MIRONOV, S.I., akademik;
STRAKHOV, N.M., akademik; KORZHINSKIY, D.S., akademik; BETERKHTIN, A.G.,
akademik; KALIVKIN, D.V., akademik; POLKANOV, A.A., akademik; AFANAS'-
YEV, G.D.; VLASOV, K.A.; CHUKHROV, F.V.; LEVITSKIY, O.D.; PAVLOVSKIY, Ye.V.,
professor; BARSANOV, G.P., professor; YERSHON, A.D.; IVANOV, B.V.;
YABLOKOV, V.S.; ARDASHNIKOVA, S.D.

Academician Vladimir Afanas'yevich Obruchev, hero of socialist labor;
obituary. Izv. AN SSSR. Ser. geol. 21 no. 6: 5-10 Je '56. (MIRA 9:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Afanas'yev, Vlasov,
Chukhrov, Levitskiy).
(Obruchev, Vladimir Afanas'yevich, 1863-1956)

SHCHERBAKOV, D.I.

Twentieth session of the International Geological Congress in Mexico.
Izv.AN SSSR.Ser.geol.21 no.12:7-20 D'56. (MIRA 10:1)
(Mexico--Geology--Congresses)

SHCHERBAKOV, D.I., akademik.

On the shores of Antarctica. Nauka i zhizn' 23 no.4:33-36 Ap '56.
(Antartic regions) (MIRA 9:7)

SHCHERBAKOV, D.I., akademik.

Hot springs and radioactivity. Nauka i zhizn' 23 no.9:63 '56.
(Geysers) (MLBA 9:10)

SHCHERBAKOV, D.I., akademik.

At the congress of geologists. Nauka i zhizn' 23 no.11:55-57 N '56.
(MLBA 9:11)

(Mexico city--Geology--Congresses)

SHCHERBAKOV, D.I., akademik.

Session of the International Geological Congress in Mexico. Vest.AN
(MLRA 10:1)
SSSR 26 no.12:62-65 D '56.
(Mexico--Geology--Congresses)

SHCHERBAKOV, D.I.. akademik.

Scientific problems of the Antarctic. Priroda 45 no.2:44-55
F '56. (MLRA 9:5)

(Antarctic regions)

SHCHERBAKOV, D.; Academician

"On the Threshold of a New Era," The Soviet Artificial Earth Satellite,
1957, p. 31.

STENON, Nikolay [Steno, Nicolaus]; STRATANOVSKIY, G.A. [translator];
 BELOUSOV, V.V., redaktor; SHAFRANOVSKIY, I.I., professor, redaktor;
 PETROVSKIY, I.G., akademik, redaktor; ANDREYEV, N.N., akademik,
 redaktor; BYKOV, K.M., akademik, redaktor; KAZANSKIY, B.A., akademik,
 redaktor; SHCHERBAKOV, D.I., akademik, redaktor; YUDIN, P.F., akade-
 mik, redaktor; DELONE, P.N., redaktor; KOSHTOYANTS, Kh.S., redaktor;
 SAMARIN, A.M., redaktor; LEBEDEV, D.M., professor, redaktor; FIGUROV-
 SKIY, N.A., professor, redaktor; KUZNETSOV, I.V., kandidat filosof-
 skikh nauk, redaktor; ZAYCHIK, N.K., redaktor izdatel'stva; SMIRNOVA,
 A.V., tekhnicheskii redaktor

[A solid body enclosed by nature within a solid. Translated from
 the Latin] O tverdom, estestvenno soderzhashchemsia v tverdom.
 Perevod G.A.Stratanovskogo. Redaktsiia, stat'i i primechania
 V.V.Belousova, i I.I.Shafranovskogo. [Leningrad] Izd-vo Akad.nauk
 SSSR, 1957. 150 p. (MLRA 10:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Belousov, Delone,
 Koshtoyants, Samarin)
 (Geology)

STARIK, I.Ye., otvetstvennyy red.; SHCHERBAKOV, D.I., akademik, red.;
BARANOV, V.I., prof., red.; SHATSKIY, N.S., akademik, red.;
POLKANOV, A.A., akademik, red.; VINOGRADOV, A.P., akademik, red.;
AFANAS'YEV, G.D., red.; CERLING, E.K., prof., red.; PEKARSKAYA,
T.B., kand.geol.-min.nauk, red.; TUGARINOV, A.I., red.;
CHERDYNTSEV, V.V., red.; POLYAKOVA, T.V., tekhn.red.

[Proceedings of the fourth session of the Commission for the
Determination of the Absolute Age of Geological Formations,
May 12-14, 1956] Trudy chetvertoi sessii Komissii po opredeleniiu
absolyutnogo vozrasta geologicheskikh formatsii; 12-14 maya 1955 g.
(MIRA 11:1)
Moskva, 1957. 297 p.

1. Akademiya nauk SSSR. Komissiya po opredeleniyu absolyutnogo
vozrasta geologicheskikh formatsiy. 2. Chlen-korrespondent
AN SSSR (for Starik, Afanas'yev).
(Geology, Stratigraphic)

AVETISYAN, G.A.; DIK, N.Ye.; YERMAKOV, N.P.; YUSOV, B.V.; SHCHERBAKOV, D.I.,
akademik, otvetstvennyy red.; DOBRONRAVOVA, K.O., red.; KOSHELEVA,
S.M., tekhn.red.

[Our homeland; an album of photographs] Nasha rodina; fotoal'bom.
Moskva, Gos.izd-vo geogr.lit-ry, 1957. 309 p. [Parallel texts in
Russian, German, English, and French] (MIRA 11:1)
(Russia--Views)

AGRANAT, Grigoriy Abramovich; ~~SHCHERBAKOV, D.I.~~, akademik, otvetstvennyy red.;
KLYAUS, Ye.M.. red.; ~~SHCHENKO, G.N.~~, tekhn.red.

[Our neighbors' northern frontiers; natural conditions, history,
population, and economic status] Zarubezhnyi Sever; ocherki prirody,
istorii, naselenia i ekonomiki raionov. Moskva, Izd-vo Akad.nauk
SSSR, 1957. 317 P. (MIRA 11:1)

(Arctic regions)

Name : SHCHERBAKOV, D. I.
Title : Academician
Affiliation: Member of Board of Directors, Joint Committee for IGY
Remarks : D. Shcherbakov is the author of an article entitled "The Significance to Science of the Artificial Earth Satellite".
Source : N: Krasnaya Zvezda, No. 237, 6 October 1957, p. 2, c. 1-4

SHCHERBAKOV, D.I.

At the 20th session of the International Geological Congress in
Mexico. Izv. AN SSSR. Ser. Geog. no.3:122-128 My-Je '57. (MIRA 10:12)
(Mexico (City)--Geology--Congresses)

SHCHERBAKOV, D.I.

V.I. Vernadskii's part in the study of the natural resources of
our country. Vop.ist.est. i tekhn. no.5:92-95 '57. (MIRA 11:2)
(Vernadskii, Vladimir Ivanovich, 1863-1945)
(Natural resources)

AUTHOR: Shcherbakov, D.I.

11-11-1/9

TITLE: Soviet Geology During the Past 40 Years (Sovetskaya geologiya za 40 let)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1957, # 11, p 3-7 (USSR)

ABSTRACT: The author reviews the achievements made in the USSR in the field of geologic research during the past 40 years. The complete geologic mapping of the entire territory of the USSR must be mentioned as the main achievement during this period. Further advances are the issue of improved geologic and "metallogenic" maps showing the locations of mineral deposits, special maps on oil and coal deposits, showing not only the actual deposits, but also indicating likely deposits, and special tectonic maps. Prospecting geophysics was advanced in the USSR by developing scientific methods, such as magnetometry, gravimetry, seismetry, aerometry, stratigraphy, and isotopic geology. Improved methods of basic drilling, devised in the USSR, have proved very successful in conjunction with geophysical research. New "branches" of geology were developed: the geology of oil, uranium, and coal, Quarternary geology, applied mineralogy and geochemistry, and technical petrography. Regional geologic re-

Card 1/2

AUTHOR: Shcherbakov, D.I., Academician

25-11-12/28

TITLE: Conquered Natural Resources (Pokorennyye nedra)

PERIODICAL: Nauka i Zhizn', 1957, # 11, pp 23-26 (USSR)

ABSTRACT: In 1956 the output of coal in the Soviet Union amounted to 429 million tons. In addition to the well-known coal deposits of Donbass and Kuzbass new rich coal fields are being opened up, such as the Pechora and Moscow coal fields, the Dnepr, South Urals, Karaganda, Cheremkhovo and Bureya coal deposits. Recently coal has been discovered in Yakutiya in the Far East. In 1956, the Soviet Union produced 83.8 million tons of oil. In addition to the oil center of Baku, new oil fields have been opened up after the October Revolution - the Chusovskiye Gorodki oil fields in the Urals and the Bashkiriya oil fields which equal the Baku center in their output. Furthermore rich oil deposits were discovered in the Ukraine, in south Turkmenistan and other districts of Central Asia, as well as in the Tartar SSR in the Kuybyshev and Chkalov Oblast'. In 1956 the output of gas amounted to 13.7 billion cu m, during the sixth Five-Year Plan the output will reach 60 billion cu m. In 1956 the Soviet Union produced 4.2 million tons of ferrous metals.

Card 1/3

Conquered Natural Resources

25-11-12/28

The fields of the Kursk magnetic anomaly produce especially high-grade iron ore (54-57%). Only the Yakovlevo deposits (in the Belgorod-Oboyansk iron ore field) are twice as large as those of Krivoy Rog. Ten years ago, the Mikhaylovsk deposits were discovered in the northern district of the Kursk magnetic anomaly - 90 km from the town of Kursk. There the construction of big ore-mining installations is planned; which will produce 5-6 million tons of high-grade iron ore in the next few years. High-grade iron ore has as well been found in the Gostishchevo deposits. Vast iron ore deposits have been explored in Siberia on the river banks of the Angara. Deposits of 500 million tons of iron ore have been discovered in Yakutiya. The Sokolovo-Sarbay iron ore deposits are of such importance that an ore-concentrating combine is under construction near the new city of Rudnyy, Kustanay Oblast'. Rich deposits of copper ore have recently been discovered in the Chita Oblast'. The recent discovery of nepheline deposits in the Yenisey river area near the Yenisey hydro-electric power plant will help to develop a highly productive aluminum industry.

The mining industry on the Kola peninsula owes its development to the Soviet geologist A.Ye.Fersman.. There are vast deposits

Card 2/3

After Another Forty Years. Discoveries Still to Be Made.

4-11-21/34

possible to utilize solar energy.

The French journalist Jean Verdier thinks that a great scientific discovery will be the utilization of catalysis enabling to convert one element into another, as for example get gasoline out of poor coal and water, etc.

B. Rubashev, Acting Learned Secretary of the Main Astronomical Observatory, thinks that by the end of this century it will be possible to obtain synthetic albumen and raise live cells, thus solving the mystery of the origin of life.

Engineer S. Grigor'yev considers that the greatest achievement of Soviet science will be a new sun in an artificial magnetic field above the Arctic which will melt the eternal ice and change the climate of the Globe.

A.A. Saukov, associate member of the USSR Academy of Sciences, hopes that sufficient electric power will be available after 40 years to obtain ore from mountain rocks as the present deposits will be exhausted.

Engineer M. Vasil'yev considers the most striking discovery of 1997 the device for electrical sleep which would reduce sleep to 2 hours per day without detriment to the human organism.

Professor N. Pomazovich describes the creation of diamonds

Card 2/3

AUTHOR: None Given

4-11-25/34

TITLE: The Menu of Mankind (Menu chelovechestva)

PERIODICAL: Znaniye - Sila, 1957, # 11, p 35-40 (USSR)

ABSTRACT: In connection with the 40th anniversary of the October Revolution the editor has obtained the opinion of authors, journalists, etc., how the food problem would be solved in 40 years and what new sources of nutrition would be available to mankind. Academician D.I. Shcherbakov is convinced that towards the end of the 20th century the question of obtaining synthetic albumen on an industrial scale will be solved. The writer Yu. Dolgushin thinks that food will be made of the same components as used by the green leaves of plants, i.e. air, water and salts; only the sun rays will be substituted by atomic energy. This will enable to replace agriculture by automated factories where albumen, carbohydrates and fats will be produced without the influence of sun and weather. The author I. Nechayev describes the future manufacture of carbohydrates, fats, yeast, fungi, flavors etc. D. Kershner depicts a dinner table conversation of 1997 about vegetables of former and present times. Journalist S. Vladimirov writes about the great extent the cultivation of seaweeds has reached, and the big crops of high-

Card 1/2

SHCHERBAKOV, D.I.
AUTHOR: Shcherbakov, D.I., Academician

26-11-7/16

TITLE: Lines of Development in Geology in the USSR (Puti razvitiya geologii v SSSR)

PERIODICAL: Priroda, 1957, # 11, p 49-60 (USSR)

ABSTRACT: The author acquaints the reader with terms and methods of research used in geology and then draws a picture of the development geology has undergone during 40 years of Communist regime. In 1913 the most important geological establishment in Russia employed 50 specialists, while the total of geologists and geophysicists at present surpasses 40,000. Geology as a science is now broken down into numerous branches: as geology of the sea, of crude oil, coal uranium etc. The geological map is the basis of all practical activities and scientific conclusions. The latest "Geological Map of the Soviet Union" was printed in 1956, showing the geological structure of the entire country now explored in its basic features. Great achievements were made by Soviet scientists in establishing the mineral sources in their country. While in 1937 coal deposits were still estimated at 1,654 billion tons, the figure rose to 8,500 billion tons within the next 20 years. As to the production of crude oil,

Card 1/2

11-12-8/10

AUTHORS: Shcherbakov, D.I., Afanas'yev, G.D., and Yershov, A.D.

TITLE: Actual Member of the Academy of Sciences of the Georgian SSR
Alexander Antonovich Tvalchrelidze (Deystvitel'nyy chlen
akademii nauk Gruzinskoy SSR Aleksandr Antonovich Tvalchre-
lidze)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1957,
12. pp 109-110 (USSR)

ABSTRACT: Professor Aleksandr Antonovich Tvalchrelidze died on 29
July 1957 at the age of 76. He was a prominent scientist,
actual member of the Academy of Sciences of the Georgian SSR,
director of the Caucasian Institute for Mineral Resources of
the Ministry of Geology and Conservation of Natural Resources,
chairman of the council for study of power resources of the
Academy of Sciences of the Georgian SSR and Head of the Chair
for Mineralogy and Petrography at the State University of
Tbilisi.

AVAILABLE: Library of Congress

Card 1/1

SHCHERBAKOV, D.I., akademik

"There are immense riches hidden in the earth's core, and we will
take possession of them." Nauka i zhizn' [24] no.11:51-52 [N] '57.
(MIRA 10:11)

(Natural resources)

SHCHERBAKOV, Dmitriy Ivanovich; akademik.

Treasures in basalt. Tekh. mol. 25 no.9:4-5 S '57.
(Basalt)

(MLRA 10:9)

SHCHERBAKOV, D.I., akademik; REBINDER, P.A., akademik.

Love and respect science and learn how to utilize its conclusions.

Tekh.mol.25 no.10:12-13 O '57.

(MIRA 10:10)

(Research)

SECRETARY, L.I., akademik.

~~Happy New Geophysical Year!~~ Zhurnal no.6:1-2 Je '57

(MIRA 10:8)

(International Geophysical Year, 1957-1958)
(Antarctic regions)

SHCHERBAKOV, D.I., akademik; BABAT, G.I., prof. doktor tekhn. nauk; ZHELTENKOV, V., inzh.; VERD'YE, Zhan, zhurnalist (Frantsiya); RUBASHEV, B.; GRIGOR'YEV, S., inzh.; SAUKOV, A.A.; VASIL'YEV, M., inzh.; POMAZOVICH, N., prof.; GALINA, L.M., muzykoved-fol'klorist; KERSHNER, D., biolog; BUDYKO, I., prof.; SEMENOV, S., zhurnalist.

Discoveries to be made. Znan. sila 32 no.11:27-32 N '57. (MLRA 10:11)

1. Ispolnyayushchiy obyazannosti uchenogo sekretarya Glavnoy astronomicheskoy observatorii (for Rubashev). 2. Chlen-korrespondent AN SSSR (for Saukov). 3. Direktor Glavnoy geofizicheskoy observatorii im. A.I. Vozeykova (for Budyko).
(Science)

SHCHERBAKOV, D.I., akademik.

At the congress of geologists in Mexico. Priroda 46 no.1:49-57 Ja
'57. (MLBA 10:2)

(Mexico (City)--Geology--Congresses)

SHCHERBAKOV, D.I., akademik.

Paths of the development of geology in the U.S.S.R. Priroda 46
(MIRA 10:10)
no.11:49-60 N '57.
(Geological research)

SIDORENKO, Aleksandr Vasil'yevich; ~~SHCHERBAKOV, D.I.~~, akademik, otvetstvennyy
red.; POPOVA, S.T., red.izd-va; MARKOVICH, S.R., tekhn.red.

[Preglacial weathering crust of the Kola Peninsula] Dolednikovaia
kora vyvetrivanii Kol'skogo poluostrova. Moskva, Izd-vo Akad.
nauk SSSR, 1958. 106 p. (MIRA 11:6)
(Kola Peninsula--Weathering)

BUBLEVNIKOV, Feofan Dmitriyevich; SHCHERBAKOV, D.I., akademik, red.;
GRINGAUZ, S., red.; YEGOROVA, I., tekhn. red.

[Mysteries of the earth] Tainy zemli [Moskva] Mosk. rabochii, 1958.
133 p. (MIRA 11:8)
(Earth)

BARDIN, I.P., akademik, glavnyy red.; KORT, V.G., otv.red.vypuska;
AFANAS'YEV, A.A., red.; BAKAYEV, V.G., red.; BURKHANOV, V.F.,
red.; ZOLOTUKHIN, A.A., red.; SOMOV, M.M., red.; FROLOV, V.V.,
red.; SHCHERBAKOV, D.I., akademik, red.; MIRONENKO, Z.I.,
red.; BRAYNINA, M.I., tekhn.red.

[Aerological and meteorological studies of the diesel electric
ship "Ob", 1955-1956] Aerologicheskie i meteorologicheskie
issledovaniia; dizel'-elektrokhod "Ob", 1955-1956 gg. Lenin-
grad, Gidrometeorologicheskoe izd-vo, 1958. 216 p. (MIRA 12:6)

1. Morskaya antarkticheskaya ekspeditsiya na dizel'-elektrokhode
"Ob", 1955-1956. 2. Zamestitel' nachal'nika Kompleksnoy ant-
arkticheskoy ekspeditsii Akademii nauk SSSR (for Kort). 3. Na-
chal'nik Glavnogo upravleniya Severnogo Morskogo Puti Ministerstva
morskogo flota (for Afanas'yev). 4. Ministr Morskogo flota (for
Bakayev). 5. Zamestitel' nachal'nika Glavnogo upravleniya Severnogo
Morskogo Puti Ministerstva morskogo flota (for Burkhanov).
6. Nachal'nik Glavnogo upravleniya Gidrometeorologicheskoy sluzhby
SSSR (for Zolotukhin). 7. Nachal'nik Kompleksnoy antarkticheskoy
ekspeditsii Akademii nauk SSSR (for Somov). 8. Direktor Arkti-
cheskogo nauchno-issledovatel'skogo instituta Glavnogo upravleniya
Severnogo Morskogo Puti (for Frolov).

(Antarctic regions--Meteorology--Observations)

BARDIN, I.P., akademik, glavnyy red.; KORT, V.G., prof., otv.red.; AFANAS'YEV, A.A., red.; BAKAYEV, V.G., red.; BURKHANOV, V.F., red.; ZOLOTUKHIN, A.A., red.; SOMOV, M.M., red.; FROLOV, V.V., red.; SHCHERBAKOV, D.I., red.; SPRYGINA, L.I., red. izd-va; SHOKHET, B.S., red. izd-va; KASHINA, P.S., tekhn.red.

[Description of the expedition on board the diesel ship "Ob", 1955-1956] Opisanie ekspeditsii na dizel'-elektrokhode "Ob", 1955-1956 gg. Moskva, 1958. 237 p. (MIRA 12:1)

1. AN SSSR. 2. Nachal'nik I reysa morskoy antarkticheskoy ekspeditsii AN SSSR (for Kort). 3. Nachal'nik Glavsevmorputi Ministerstva morskogo flota SSSR (for Afanas'yev). 4. Ministr morskogo flota SSSR (for Bakayev). 5. Zamestitel' nachal'nika Glavsevmorputi (for Burkhanov). 6. Nachal'nik Glavnogo upravleniya Gidrometsluzhby (for Zolotukhin). 7. Nachal'nik Kompleksnoy antarkticheskoy ekspeditsii (for Somov). 8. Direktor Arkticheskogo n.-i. instituta Gidrograficheskogo upravleniya Glavsevmorputi (for Frolov). 9. Predsedatel' Soveta po antarkticheskim issledovaniyam AN SSSR (for Shcherbakov).
(Antarctic regions)

PHASE I BOOK EXPLOITATION SOV/5494

Vasil'yev, Mikhail Vasil'yevich, and Sergey Zakharovich Gushchev
 Reportar iz XXI veka; my zapiski nauchnykh dvadtsati devyati
 sovetkikh ucherykh o nauchno i tekhnicheskikh (Reports
 From the Twenty-First Century: Stories of Twenty-One Soviet
 Scientists on Science and Engineering of the Future) [Moscow]
 Izd-vo Sovetskaya Rossiya, 1958. 245 p. 50,000 copies printed.
 Ed.: V. A. Golubkova; Tech. Ed.: O. I. Kleyova.

PURPOSE: This book is intended for the general reader.

COVERAGE: The book contains 27 articles (told reporters by
 Soviet scientists) dealing with probable future problems in
 physics, chemistry, electricity, metallurgy, engineering, aviation,
 mining, medicine, biology, agriculture, zoology, transportation,
 exploration of space, and photography. Attention is given to
 automation, automatic underground exploitation of coal, use of
 new metals, modernization of oil fields, atomic electric stations,
 production of metal parts by the process of explosion, explosions
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Reports From the Twenty-First (Cont.) SOV/5494

in dam construction, cancer, internal longevity reserves,
 machine diagnosis of illnesses, surgery vs. treatment by ultra-
 sound vibrations, mechanical robot substitutes, human body tests,
 medical engineering, enriched food, "superfertilizers", arti-
 ficial snowfalls, agriculture vs. "microculture", radishes, water,
 pot, beam vs. "wire" machines doing intellectual work, "auto-
 mobiles" (with "radio motors"), "artificial sun" (electronic),
 x-ray rays focused above a city which causes heated molecules
 to shine), future ocean ships, "railway dreadnoughts", Moscow
 of the future, moving pavements, wheeled and driveless auto-
 mobiles, electric cars, the industrialization of Siberia,
 use of underground heat, atomic control, living on the moon,
 antimatter, and photon ju Names of the interviewed scientists
 are given. There are 11 references.

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Transformation of Elements -- the Future of Metallurgy [I. P.
 Bardin, Academician, Vice-President, AS USSR]

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Mines Are Breathing Their Last [I. S. Garkusha, Director of
 Vsesoyuznyy nauchno-issledovatel'skiy institut "Pozdnyaya" --
 All-Union Scientific Research Institute of Underground Exploita-
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OBRUCHEV, Vladimir Afanas'yevich, akademik; OBRUCHEV, S.V., otvetstvennyy red.; SHCHERBAKOV, D.I., akademik, red.; SHATSKIY, N.S., akademik, red.; OBRUCHEV, V.V., kand. geol.-min. nauk, red.; SINITSYN, V.M., doktor geol.-min. nauk, red.; POPOVA, T.S., red. izd-va; PRUSAKOVA, T.A., tekhn. red.

[Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol.1. 1958. 477 p. (MIRA 11:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Obruchev, S.V.).
(Asia, Central--Geology)

BARDIN, I.P., akademik, otv.red.; STRUMILIN, S.G., akademik, red.; SHENYAKOV, L.D., akademik, red.; SHCHERBAKOV, D.I., akademik, red.; ANTIPOV, M.I., red.; BELYANCHIKOV, K.P., red.; BRODSKIY, V.B., red.; YEROFEEV, B.N., red.; LIBERMAN, A.Ya., red.; MELESHKIN, S.M., red.; ORLOV, I.V., red.; SMIRNOV-VERIN, S.S., red.; RIKMAN, V.V., red.; SAMARIN, A.M., red.; SLEDZYUK, P.Ye., red.; SKOBNIKOV, M.L., red.; SOKOLOV, G.A., red.; FREY, V.I., red.; KHLEBNIKOV, V.B., red.; SHAPIRO, I.S., red.; SHIRYAYEV, P.A., red.; KUDASHEV, A.I., red. i zd-va; KUZ'MIN, I.F., tekhn.red.

[Magnetite ores of the Kustanay Province and their exploitation]
Magnetitovye rudy Kustanaiskoi oblasti i puti ikh ispol'zovaniya.
Otvatstvennyi red. I.P. Bardin. Moskva, Izd-vo Akad. nauk SSSR, 1958. 489 p. (Zhelezorudnye mestorozhdeniya SSSR). (MIRA 12:2)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany neдр.
(Kustanay Province--Magnetite)

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BELYAYEVSKIY, N.A., red.; DOLGOPOLOV, N.N., red.; LEVITSKIY,
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1958. 532 p. (MIRA 12:3)

1. Akademiya nauk SSSR. Komissiya po probleme "Zakonomernosti
razmeshcheniya poleznykh iskopaemykh."
(Mines and mineral resources)

FERSMAN, Aleksandr Yevgen'yevich, akademik; SHCHERBAKOV, D.I., akademik, otvetstvennyy red.; KAPUSTINSKIY, A.F., red.; LEBEDEV, V.I., doktor geol.-min.nauk, red.; SAUKOV, A.A., red.; SHCHERBINA, V.V., doktor geol.-min.nauk, red.; KUN, N.R., red.izd-va; MOSKVICHEVA, N.I., tekhn.red.

[Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol.4. 1958. 588 p. (MIRA 11:4)

1. Chlen-korrespondent AN SSSR (for Kapustinskiy, Saukov)
(Geochemistry)

SHCHERBAKOV, D.I., akademik

To the editor of "Nauchnye doklady vysshei shkoly." Nauch.dokl.vys.
shkoly; geol.-geog.nauki no.1:5 '58. (MIRA 12:2)

1. Akademik-sekretar' Otdeleniya Geologo-geograficheskikh nauk AN
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(Geology--Periodicals) (Geography--Periodicals)

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